

STAN, M.; FIRU, P.; SAHLEANU, V.; DAN, O.

Non-inflammatory parotid hypertrophy with growth disorders. Stud.
cercet. endocr. 13 no.1:111-118 '62.

(PAROTID GLAND diseases)
(HYPERTROPHY AND HYPERPLASIA case reports)
(HYPOGONADISM case reports)
(INFANTILISM case reports)

FIRU, P., conf.; DIACONESCU, M., dr.; CRISTEA, M., dr.; GHERGA-NEGREA,
Adina, dr.; CRISTEA, Iulia

Various stomatological aspects of rickets in preschool children.
Stomatologia (Bucur) 12 no.2:139-148 Mr-Apr'65.

1. Lucrare efectuata in Clinica de stomatologie infantila
Institutul medico-farmaceutic, Bucuresti (seful clinicii:
conf. P. Firu).

LITVIN, F.L.; FIRUN, N.B.

Meshing of bevel gears having epihypotrochoidal profiles. Trudy
Inst.mash.Sem.po teor.mash. 22 no.85/86:92-107 '61. (MIRA 14:12)
(Gearing, Bevel)

GINZBURG, Yevgeniy Grigor'yevich, kand. tekhn. nauk; SHAMANIN, Aleksandr Vasil'yevich, inzh.; KOLCHIN, N.I., doktor tekhn. nauk, prof., zasl. deyatel' nauki i tekhniki RSFSR, red.; FIRUN, N.B., kand. tekhn. nauk, red.; SIMONOVSKIY, N.Z., red.; BARDINA, A.A., tekhn. red.

[Standard technological processes in manufacturing gear transmissions] Tipovye tekhnologicheskie protsessy izgotovleniya zubchatykh peredach. Pod obshchei red. N.I. Kolchina. Izd. 2., perer. i dop. Moskva, Mashgiz, 1962. 114 p. (Bibliotekha zuobreza, no. 2) (MIRA 15:9)

(Gear cutting)

PISMANIK, Kalman Matveyevich, kand. tekhn. nauk; KEDRINSKIY, Vasilii Nikolayevich, kand. tekhn. nauk, Laureat Leninskoy premii; FIRUN, N.B., kand. tekhn. nauk, retsenzent; KOLCHIN, N.I., zasl. deyatel' nauki i tekhniki RSFSR, doktor tekhn. nauk, prof., red.; GINZBURG, Ye.G., kand. tekhn. nauk, red.; SIMONOVSKIY, N.Z., red. izd-va; BARDINA, A.A., tekhn. red.

[Calculation and examples of adjustments of machine tools for cutting bevel gears with circular teeth] Raschet i primery naladok stankov dlia narezaniia konicheskikh koles s krugovymi zub'iami. Pod obshchei red. N.I. Kolchina. Moskva, Mashgiz, 1962. 109 p. (Biblioteka zuboreza, no.5) (MIRA 15:9)
(Gear-cutting machines)

TAYTS, B.A.; MARKOV, N.N.; KOLCHIN, N.I., zasl. deyatel' nauki i tekhniki
RSFSR, doktor tekhn. nauk, prof., red.; KUTAY, A.K., kand. tekhn.
nauk, retsenzent; FIRUN, N.B., kand. tekhn. nauk, red.;
ONISHCHENKO, R.N., red. izd-va; BARDINA, A.A., tekhn. red.

[Precision standards and control of gear wheels] Normy tochnosti i
kontrol' zubchatykh koles. Pod obshchei red. N.I. Kolchina. Mo-
skva, Mashgiz, 1962. 103 p. (Bibliotekha zuboreza, no.6)

(MIRA 16:2)

(Gearing—Standards)

VITENBERG, Yuriy Ruvimovich; FIRIN, N.B., red.; ALABYSHEVA,
N.A., red.izd-va; BELOGUROVA, I.A., tekhn. red.

[Grinding gear teeth with an abrasive worm] Zuboshlifo-
vanie abrazivnym cherviakom. Leningrad, 1963. 25 p.
(Leningradskii dom nauchno-tekhnicheskoi propagandy. Ob-
men peredovym opytom. Seriia: Mekhanicheskaiia obrabotka
metallov, no.13)
(MIRA 17:1)

SOBOLEV, N.P.[deceased]; VITENBERG, Yu.R.; SHAVLYUGA, N.I., kand. tekhn. nauk, retsenzent; FIRUN, N.B., kand. tekhn. nauk, red.; CHFAS, M.A., red.izd-va; VARKOVETSKAYA, A.I., red. izd-va; BARDINA, A.A, tekhn. red.

[Gear-cutting machines and tools used in the instrument industry] Zuboobrabatyvaiushchie stanki i instrumenty v priborostroenii. Moskva, Mashgiz, 1963. 306 p.

(MIRA 16:10)

(Instrument industry) (Gear-cutting machines)

MARKOV, Nikolay Nikolayevich; FIRUN, M.B., red.

[Measuring devices for checking gear wheels and worms]
Izmeritel'nye sredstva dlia kontrolya zubchatykh koles i
cherviakov. Leningrad, 1965. 43 p. (MIRA 18:7)

FIRYCZ, A.

"Anticorrosives Used In The Electrical Industry" p. 199. (Przegląd Elektrotechniczny,
Vol. 29, no. 5, May 1953, Warszawa)

SO: Monthly List of East European Vol. 3, No. 2, Accessions, Library of Congress, February, 1954, 1953, Uncl.

FIRYTOVA, V.

Navigation on the Upper Mississippi River. p. 225.
(Sbornik, Vol. 61, no. 3, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

FIRYUKOVA, M.V.

ASNIN, D.I.; FIRYUKOVA, M.V.

Serodiagnosis of actinomycosis. *Tr. mikrobiol. epid. i imm. no.1:*
56-60 Ja '55. (MIRA 8:2)

1. Iz mikologicheskogo sektora Instituta malyarii, meditsinskoy
parasitologii i gel'minologii Ministerstva zdoravookhraneniya SSSR
(dir. prof. P.G.Sergiyev)
(ACTINOMYCOSIS, diagnosis,
serol.)

Translation M-1064, 13 Apr 56

FIRYULIN, V.V.

Hydraulic unit for fluffing asbestos. Stroim. 5 no.12:
16-17 D '59. (MIRA 13:3)

1. Direktor Krasnoyarskogo kombinata asbestotsementnykh izdeliy.
(Asbestos)

S/196/62/000/016/010/011
E194/E155

AUTHOR: Fisak, V.I.

TITLE: Calculation on a computer of the optimum parameters of a gas-turbine set

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika, no.16, 1962, 38-39, abstract 16 G 276.
(Izv. AN KazSSR. Ser. energ., no.2 (20), 1961, 7-14). (summary in Kazakh.).

TEXT: A previously published formula is given for calculating costs as functions of conditions in a gas-turbine set, and its future operating conditions. The optimum parameters of the gas turbine involve a system of equations in partial differential coefficients which, in actual circuits, give non-linear equations of high order. In calculations on complicated gas-turbine circuits it is not possible to give a single algorithm for calculation by this method. A procedure for calculating optimum parameters of a gas-turbine set on an electronic computer type "Урал" ('Ural') is proposed. Simple checking of the values of the calculated costs in a region bounded by limits of alteration
Card 1/2

Calculation on a computer of ...

S/196/62/000/016/010/011
E194/E155

of the independent variables is easiest. The programme is such that the machine does not check the entire region but proceeds from the initial arbitrarily selected point and ceases calculation when the minimum value of the function has been reached. The computer is 200 - 500 times quicker than a slide rule and is considerably more accurate.

3 references.

[Abstractor's note: Complete translation.]

Card 2/2

S/285/63/000/002/011/012
A052/A126

AUTHOR: Fisak, V.I.

TITLE: Calculation of optimum parameters of a gas turbine unit on an electronic computer

PERIODICAL: Referativnyy zhurnal. Otdel'nyy vypusk. 49. Turbostroyeniye, no. 2, 1963, 16, abstract 2.49.94. (Izv. AN KazSSR. Ser. energ. no. 2 (20), 1961, 7 - 14, summary in Kaz.)

TEXT: Optimum parameters of a gas turbine unit are determined on the basis of fuel costs and the number of hours of unit operation. Mathematically it is reduced to the determination of the minimum of the function representing the sum total of operating costs of and investments in the gas turbine unit. In concrete terms, this necessitates a solution of a system of non-linear high-power equations. This system can be solved by the method of successive approximations. To speed up calculations the "Ural" type electronic computer was used. The calculation of optimum parameters was carried out in the range modification of the product of fuel cost by the number of working hours from 10 to 500, and the optimum parameters of the

Card 1/2

Calculation of optimum parameters of a ...

S/285/63/000/002/011/012
A052/A126

gas turbine unit were computed in 14 points of the range. For computing a point the computer used 1.5 - 3 min instead of 10 - 12 hours when using a slide rule. The total duration of calculations on the computer was 4.5 hours; in this time 126 function minima were determined. As a result of the calculations curves were obtained which enabled one to determine the dependence of optimum (with an allowance for investments) values of compression and regeneration ratio on the product of fuel cost by the number of working hours for a single-shaft gas turbine unit with regenerator and intermediate air cooling.

I. Barskiy

[Abstracter's note: Complete translation.]

Card 2/2

ACCESSION NR: APh039251

S/0032/64/030/006/0675/0675

AUTHORS: Abramov, V. N.; Fisak, V. I.

TITLE: Gas chromatography method for analyzing combustion products of a methane air mixture

SOURCE: Zavodskaya laboratoriya, v. 30, no. 6, 1964, 675

TOPIC TAGS: methane air mixture, combustion product, gas chromatography, chromatograph GSTL 3, silica gel ShSK, activated carbon AG 5, activated carbon SKTM D, vacuum pump RVN 20, recording apparatus EPP 09

ABSTRACT: The chromatograph GSTL-3 was altered (see Fig. 1 on the Enclosure) for analyzing combustion products of a 1% methane-air mixture. The alterations were introduced because of the difficulties of separating and detecting the gases with previously available apparatus. A tube 5.5 mm in diameter, 120 cm long, is filled with silica gel ShSK (0.25-0.50 mm grain) which absorbs carbonic acid gas. Another tube, 5 mm in diameter, 80 cm long, and filled with activated carbon of either AG-5 or SKTM-D brand (0.25-0.50 mm grain) absorbs the combustible components. The apparatus is calibrated by analyzing gases of known compositions. In operation

Cord 1/82

ACCESSION NR: AP4039251

two samplers are filled with the mixture to be analyzed. The first step consists of connecting one sampler and turning the cock so as to determine the concentration of carbonic acid gas. Next, the other sampler is connected, and the cock is turned so as to permit the determination of the combustible components. Apparatus EPP-09 is used to record the detector signals. The entire process takes < 3 minutes and produces results accurate to 1.5-2.0%. Gas amounts down to 10⁻³% may be determined. Orig. art. has: 1 diagram.

ASSOCIATION: Institut energetiki Akademii nauk KazSSR; (Institute of Power Engineering, Academy of Sciences, KazSSR)

SUBMITTED: 00

DATE ACQ: 18Jun64

ENCL: 00¹

SUB CODE: GC,IE

NO REF SOV: 000

OTHER: 000

Card 2/3 2

RYSS, Yu.S.; IVANOV, N.N.; FISAK, V.M.; ZAGAYNOV, Yu.V.

Using the natural field method in searching for and small scale
mapping of pyritized zones and graphitized rocks. Uch.zap.LGU

no.303:226-233 '62.

(MIRA 15:11)

(Electric prospecting) (Ore deposits)

FISANOV, I.A., inzh.

Special features in the repair of a Kingsbery-type bearing.

Energetik 13 no.1:22-23 Ja '65.

(MIRA 18:3)

FISANOV, I.A., inzh. (Sverdlovsk)

Device for boring holes in rigid couplings. Energetik 13 no.8:12-13
Ag '65. (MIRA 18:9)

FISANOV, V. F.

Cand Tech Sci - (diss) "Study of the problem of increasing efficiency of panel /panovyye/ machines." Alma-Ata, 1961. 18 pp; with diagrams; (Academy of Sciences Kazakh SSR, Inst of Power); 160 copies; price not given; (KL, 7-61 sup, 248)

FISANOV, V.F.

Problem concerning the increase in the efficiency of steam
engines. Izv. AN Kazakh. SSR. Ser. energ. no.2:69-74 '61.

(MIRA 14:12)

(Steam engines)

FISANOVICH, A. L.

Patho-physiological and patho-morphological factors in cerebral
concussion. Sovet. med. no. 12:12-14 Dec. 1951.

1. Professor. 2. Novgorod.

SR/Medicine - Blood Transfusion

"Transfusion of Oxygenated Blood," Prof A. L. Fisanovich, G. P. Vlasovskiy, Faculty Med Clinic, Stanislav Med Inst

"Klin Med" Vol XXIX, No 1, pp 64-67

Mikitin ("Vest Khirurgii", 1, 1947) applied in shock intraarterial transfusions of preserved blood to which perhydrol (0.5-0.7 cc per 250 cc of blood) had been added. Authors successfully used blood containing perhydrol and adrenalin. Upon addn of perhydrol the osmotic resistance of erythrocytes is

Jan 51

USSR/Medicine - Blood Transfusion (Contd)

raised and keeping quality of the blood increased thereby. Injection of this blood raises the cardiovascular system. After its transfusion, the blood pressure is increased.

186175
Jan 51

A. L.

FISANOVICH, A.L., professor (Novgorod)

**Possibility of intracranial hypotension in the acute stage of
closed cerebral trauma. Vop.neirokhir. 20 no.2:17-21 Mr-Apr '56.**

(BRAIN, wounds and inj.

(MLRA 9:7)

closed, intracranial hypotension in)

(WOUNDS AND INJURIES

brain, intracranial hypotension in close inj.)

FISANOVICH, A.L.

FISANOVICH, A.L., professor (Sovgrol, Moskovskaya ul., 2-5), Ev. 10)

Organizational and technical errors in the work of Surgeons. Vost.
Khir. 79 no. 4:109-112 ap '57. (MLA, 10:9)

(SURGERY, OPERATIVE, complications,
caused by surgeon's defic. (Mus))

Z/009/60/000/03/005/028
E112/E253

AUTHORS: Matrka, M., Navrátil, F., and Fišar, C
TITLE: Polarographic Study of Hydroxi-triphenyl-methane
Dyestuffs ✓

PERIODICAL: Chemický průmysl, 1960, Nr 3, pp 129-132

ABSTRACT: The authors present a detailed contribution to polarographic investigations of hydroxi-triphenyl-methane dyestuffs. The literature mentions that the reduction on the dropping mercury electrode of trihydroxy-triphenyl-methane (aurine) and its substituents, proceeds in two distinct mono-electronic waves. The authors offer the following electronic explanation: in mesomeric structure I, the dyestuff loses its quinone configuration and acquires a positive charge on the central carbon atom. Simultaneously oxygen acquires a negative charge. During reduction an electron is taken up by the central carbon atom, producing a free radical of structure II. In the second phase an additional electron is taken up producing the unstable form III, having a lone pair of electrons with a negative charge. This is stabilised into the anion of the leuco-base by acquiring a proton. The

Card 1/4

Z/009/60/000/03/005/028
E112/E253

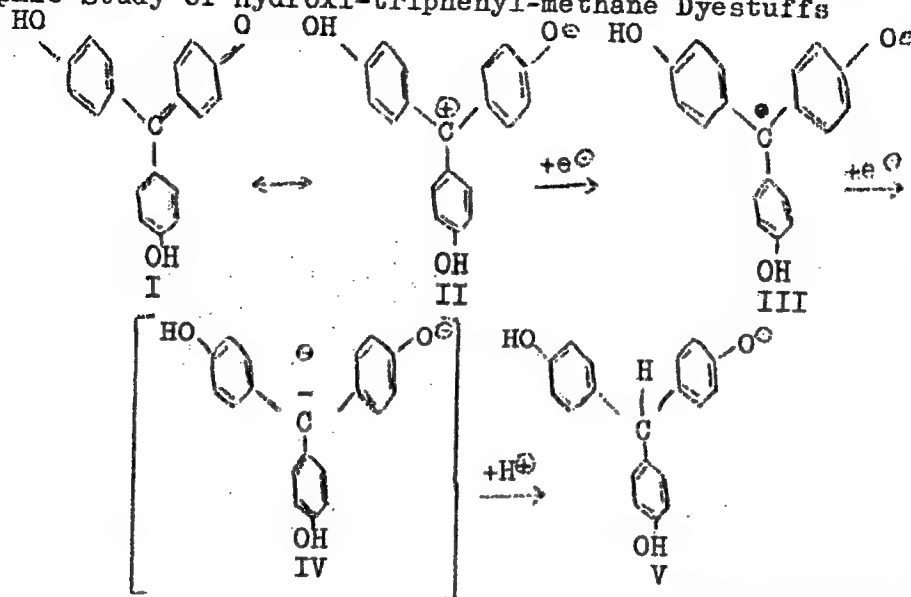
Polarographic Study of Hydroxi-triphenyl-methane Dyestuffs

two-step reduction is therefore explained by the existence of a free radicle. The authors have studied the polarographic behaviour under neutral, alkaline and acid conditions. The most characteristic two-step waves were obtained in a neutral medium whereas acidic conditions suppressed it. Under alkaline conditions a not very well developed one-step dielectronic wave was obtained. The authors have established that basic dyestuffs, such as malachite green, show analogous polarographic properties to aurine. Two independent mono-electronic waves were obtained under neutral conditions. The authors have also established that the peak of the polarographic waves depends to a high degree upon the quantity of ethanole used as a solvent. They conclude that a standard solution of aurine undergoes a structural change, which manifest itself by decrease of peak of wave.

Card 2/4

Z/009/60/000/03/005/028
E112/E253

Polarographic Study of Hydroxi-triphenyl-methane Dyestuffs



Card 3/4

Z/009/60/000/03/005/028
E112/E253

Polarographic Study of Hydroxi-triphenyl-methane Dyestuffs

There are 5 figures, 2 tables and 8 references, 3 of which are Soviet, 2 English, 2 Czech and 1 Swedish.

ASSOCIATION: Výzkumný ústav organických syntéz, Pardubice-Rybitví ✓
(Research Institute for Organic Syntheses, Pardubice-
Rybitví)

SUBMITTED: July 13, 1959

Card 4/4

FISAROVA H.

FISAROVA H, *Akutni encefalomyelitisakutni rostrousena sklerosa mozkomisni. Acute disseminated encephalomyelitis - acute multiple sclerosis CAS.LEK.CES. 1953, 92/33-34 (915-920) Illus. 3

Description of 4 cases of an acute inflammatory disease in which signs of meningeal irritation occurred, with bulbar symptomatology and flaccid paralysis that became spastic later. In one case a multiple sclerosis could be diagnosed with certainty, but in the other 3 cases neither post-mortem findings nor the clinical evolution allowed a definite differential diagnosis. The differentiation between acute multiple sclerosis and disseminated encephalomyelitis is in many cases impossible. Both belong to the same group of demyelinating diseases.

Henner - Prague

SO: EXCERPTA MEDICA, Section 8, Vol. 7, No.5, May 1954

FISAEOVA, M., Asit.Dr. ; HRDLICKA, V., Dr

Complications of cerebral arteriography. Neur.psychiat.cesk. 18
no.2:137-144 Mar 55.

1. Lekarska fakulta Karlovy university - pobočka v Plzni Neuro-
logická klinika, prednosta prof. Dr Vaclav Pit'ha.

(BRAIN, blood supply,
arteriography, compl.)

(ANGIOGRAPHY,
cerebral arteriography, compl.)

FISAROVA, Marie

~~Brain tumors without topical findings. Cas. lek. cesk. 96 no.47:1471-1473 22 Nov 57.~~

1. Nervova klinika Karlovy university v Plzni, prednosta prof. Dr
Vaclav Pitha. M.P., Plzen, neurolog, klinika.
(BRAIN NEOPLASMS, diag.

absence of topical findings (Cx))

1. 12/11/57, Pl. Dr.
EGERMAJEROVA, R., Dr.; FISAROVA, M., Dr.

Subarachnoid hemorrhage..Cesk. neur. 20 no.6:373-379 Nov 57.

1. Neurologická klinika lékařské fakulty KU v Plzni, přednosta
prof. Dr V. Pitha. R. E. K., Plzeň-Doubravka, Mohylova 70.

(SUBARACHNOID HEMORRHAGE, case reports
diag. & progn. (Cz))

EXCERPTA MEDICA Sec 8 Vol 12/1 Neurology Jan 59

238. DIFFERENTIATION OF SCHILDER'S DISEASE AND SUBACUTE INCLUSION ENCEPHALITIS - *Diferenciální diagnosa mezi nemocí Schilderovou a subakutní encefalitidou s inklusemi* - Fišarová M. and Schwartzová Kv. - *Neurol. Klin., Plzeň - ČSL. NEUROL.* 1958, 21/3 (203-206)

The following criteria are given: (1) A quantitative difference of involvement of motor function with a preponderance of extrapyramidal symptomatology in subacute inclusion encephalitis and a preponderance of pyramidal symptomatology in Schilder's disease. (2) Massive mental disintegration at the very onset of subacute inclusion encephalitis and merely slight impairment of mental activity at the beginning of Schilder's disease, deteriorating later. (3) A pronounced left sided (colloidal) curve in the CSF in subacute encephalitis, an unspecific or even normal fluid in Schilder's disease. (4) Typical periodical pathological activity in the EEG in subacute inclusion encephalitis and diffuse non-specific dysrhythmia in Schilder's disease. (5) Findings in the fundus of the eye are not reliable criteria.

POIAK, O.; FISAROVA, M.; SCHWARTZOVA, K.

Abdominal epilepsy. Cesk. pediat. 14 no.4:293-302 5 Apr 59.

1. Neurologická klinika v Plzni, předmosta prof. dr. V. Pitha. O.P.,
Plzeň, Nadrazní 4/11.p.

(EPILEPSY, case reports,

abdom. epilepsy (Cz))

(ABDOMEN, dis.

same (Cz))

FISAROVA, Marie

So-called comatose encephalitis. Acta Universitatis Carolinae
- Medica 6:311-350 1959.

1. Neurologická klinika fakulty všeobecného lékařství University
Karlovy se sídlem v Plzni, přednosta prof. dr. Václav Pitha.
(ENCEPHALITIS, compl.) (COMA, etiol.)

FISAROVA, Marie; NESNIDALOVA, Ruzena

An unusual course of encephalomyelitis. Cesk. pediat. 16 no.7/8:
706-708 JI-Ag '61.

1. Neurologická a psychiatrická klinika lékařské fakulty KU v Plzni,
prednosta prof. MUDr. Václav Pitha, prof. MUDr. Evžen Vencovsky.

(ENCEPHALOMYELITIS in inf & child)

JANEK, A.; FISAROVA, M.

Pulmonary embolism with the picture of acute cerebral accident. Acta
univ. carol. [Med] Suppl. 15:77-83 '61.

1. Klinika chorob vnitřních (prednosta prof. dr. K. Bobek) a klinika
chorob nervových (prednosta prof. dr. V. Pitha) lekarske fakulty
University Karlovy se sídlem v Písní.
(PULMONARY EMBOLISM diag) (CEREBROVASCULAR DISORDERS diag)

FISAROVA, M.; MACHULA, Fr.; SOLC, J.

Neurological sequelae of severe diarrheas in infants. Cesk. pediat.
17 no.10:874-880 0 '62.

1. Neurologická klinika lékařské fakulty Karlovy university v Plzni,
prednosta prof. dr. V. Pitha Detská klinika lékařské fakulty Karlovy
university v Plzni, prednosta doc. dr. J. Lukes.
(DIARRHEA INFANTILE) (PARALYSIS) (HYDROCEPHALUS)

FIALA, Vaclav; FISAROVA, Marie

Social consequences of early cerebral palsy in children. Plzen.
lek. sborn. 23:63-70 '64

1. Psychiatricka klinika lekarske fakulty University Karlovy se
sidlem v Plzni (prednosta : prof. MUDr. E. Vencovsky, DrSc);
neurologicka klinika lekarske fakulty University Karlovy se
sidlem v Plzni (prednosta: doc. MUDr. E. Klinkova, CSc.).

ACC NR: AP6006740

SOURCE CODE: CZ/0082/65/000/004/0285/0293

AUTHOR: Schwartzova, K.; Fisarova, M.

ORG: Neurological Clinic, Medical Faculty, Charles University, Plzen (Neurologicka klinika lekarske fakulty KU)

TITLE: Electroclinical findings in patients after subarachnoid hemorrhage

SOURCE: Ceskoslovenska neurologie, no. 4, 1965, 285-293

TOPIC TAGS: circulatory system disease, electroencephalography, clinical medicine, nervous system disease

ABSTRACT:

65 cases of subarachnoid hemorrhage were examined 1 to 13 years after the occurrence. In 5 cases of operated aneurysms of the carotid artery and its branches, more serious findings were made than in 10 unoperated cases. The EEG and clinical findings in 50 cases of hemorrhage of an unknown origin were the same as those in unoperated aneurysms. Focal changes in the EEG frequently persist for several years after the hemorrhage, particularly in older patients. The basic rhythm in the EEG is usually disturbed in cases combined with arteriosclerosis. EEG is a more sensitive indicator of brain damage than clinical findings. Orig. art. has: 5 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 20Apr64 / ORIG REF: 001 / OTH REF: 013

Card 1/1

PISAROVA, M, dr.; SCHWARTZOVA, K.; SOLC, J.

EEG findings following acute poisoning in children. Cesk. pediat.
20 no.9:829-830 S '65.

1. Neurologicka a detska klinika Lekarske fakulty Karlovy University
v Plzni. Submitted February 2, 1965.

CZECHOSLOVAKIA

FISAROVA, M.: Neurological Clinic, Medical Faculty, Charles University (Neurologicka Klinika Lek. Fak. KU), Plzen, Chief (Prednosta) Docent Dr E. KLIMKOVA - DEUTSCHOVA.

"Work of Adolescents in Noisy Surroundings."

Prague, Ceskoslovenska Neurologie, Vol 29, No 6, Nov 66, pp 396 - 401

Abstract [Author's English summary modified]: 163 apprentices aged 15 to 19 were examined at the Skoda works at Plzen. All worked for 1 to 3 years as blacksmiths or fitters. The level of noise varied between 80 and 100 dB. The youths complained of fatigue, headaches, dizziness and other neurotic symptoms. Increased perspiration, cyanosis, tremor, ataxia, vestibular signs, asymmetrical reflexes, and disturbances of hearing were diagnosed. In fitters the effect of the noise was coupled with the influence of toxic substances. The patients must be examined periodically to prevent damage to the CNS. 3 Tables, 17 Western, 15 Czech, 2 Russian references. (Manuscript received 17 May 66).
1/1

CZECHOSLOVAKIA UDC 616.24-003.65-057:(622):616.745-073.97

KLIMKOVA-DEUTSCHOVA, Eliska; SYNEK, Vladimir; FISAROVA, Marie;
KROFTA, Vaclav; JANKOVA, Jarmila; Neurological Clinic, Med. Fac.
Charles University (Neurologicka Klinika Lek. Fak. KU), Plzen,
Chief (Prednostka) Docent Dr E. KLIMKOVA-DEUTSCHOVA; Department
of Occupational Diseases, State Faculty Hospital (Oddeleni pro
Choroby z Povolani Statni Fakultni Nemocnice), Plzen, Chief (Pred-
nosta) Dr F. HUZZL.

"Importance of Polyelectromyographic Examination of the Respirat-
ory Muscles in Patients Suffering from Miner's Silicosis and Pneu-
moconioses."

Prague, Pracovni Lekarstvi, Vol 19, No 2, Mar 67, pp 49 - 51

Abstract [Authors' English summary modified]: 50 patients in var-
ious stages of silicosis were examined polyelectromyographically.
The findings were compared to X-ray photographs and to the vital
lung capacity. In the stage of dust stigmatization and reticula-
tion, the finding of normal and increased activity of the respirat-
ory muscles prevail; high rate of decreased activity of these and
an increased activity of auxiliary muscles are found in simple and
complicated silicosis and in silicotuberculosis. 2 Figures, 8 Text

FISCHBEIN, E.; HANGA, N.; POPESCU, I.; RADULESCU, L.; TURCANU, E.; ZAMFIR, E.

Importance of models in the understanding of electricity by pupils.
Rev psihologie 9 no.3:353-385 '63.

FISCHBEIN, E.; PAMPU, F.; BADOI, A1.

Utilization of some memorization activities in the frame of
mixed tests for fatigue determination. Rev psihologie 10 no. 2:
105-114 '64.

FISCHBEIN, E.; LIVEZEANU, M.; RADU, V.; MINZAT, I.

Research regarding ranged teaching of geometry, object stage.
Rev psihologie 10 no.3:229-242 '64.

1. Institute of Psychology of the Rumanian Academy, Bucharest.

FISCHEIN, E.

Speech and thought in severe subnormality" by N. OConnor,
B. Hermelin. Reviewed by E. Fischbein. Rev psihologie 10
no.4:345-346 '64.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413230002-6

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000413230002-6"

A. Fischer

point of view. The principle and efficiency of the method, figures, definition of positive and negative densities are dealt with. The specific Hungarian method of automatic colour correction and the equipment used for it are described. This method proves that corrections may be directly filtered into colour separations during exposure. Correlations between photo effect and photoelectric effect, moreover, the importance of light integration in

principle and practice as well as the equipment used are discussed with reference to the method practiced.

2/2

Smw yll

Country : RUMANIA
 Category : Chemical Technology. Chemical Products (Part 4).
 Dyeing and Chemical Treatment of Textile Materials
 Abs. Jour. : Ref Zhur-Khim, 1959, No 7, 25890
 Author : Radulescu, S.; Eckardt, A.; Fischer, A.*
 Institut. : -
 Title : Production of Plush by the Electrostatic Process

Orig Pub. : II-a Conf. tehn.-stiint. a ind. usoare. Textile.
 (Bucuresti), ASIT, 1957, 262-267

Abstract : A method was developed and the equipment constructed for the production of plush fabrics by means of impregnating the backing with an adhesive substance and applying the fibers, oriented by means of an electrostatic field, perpendicularly to the surface of the backing. The equipment consists of a machine for cutting the

* Chircoias, G.; Manolescu, D.; Boman, V.;
 Hulea, I.

Card: 1/3

Country : RUMANIA
 Category= : Chemical Technology. Chemical Products (Part 4).
 Dyeing and Chemical Treatment of Textile Materials.
 Abs. Jour. : Ref Zhur - Khim., No 7, 1959, No 25890

H

Author :
 Institut. :
 Titlo :

Orig. Pub. :

Abstract : fibers, an aggregate for electrostatic applica-
 tion of the fibers of the cleaning brush to the
 backing, and a vulcanization chamber. The length
 of the fibers is 0.2-0.5 mm. for velours and
 0.5-1 mm. for plush. The moisture of the fibers
 at which their electrical conductivity is highest
 is 12-13%. To increase the electrical conducti-
 vity, the fibers are treated before cutting, du-
 ring the process of dyeing, with hygroscopic
 salts, avoiding the application of fat-containing

Card: 2/3

11-162

POLAND-HUNGARY

FISCHER, Anton, Second Clinic of Internal Diseases, Medical Academy in Budapest (Hungary) (Director: Prof. Dr. P. GONORI) [Original version not given] [Translated by Tadeusz FARYNA, Dr. med. (Affiliation not given)]

"Studies on the Function of the Tubules of the Normal and Pathologically Changed Kidney."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 19-20, 6-13 May 63, pp 693-697.

Abstract: [Author's English summary] Author studied the function of the kidney using renal clearances. He discusses the regulation of re-absorption, the active excretion of various substances through the tubular cells of persons with chronic renal failure, and notes recent news and his opinion concerning isostenuria. There are 15 references, of which seven (7) are by the author and co-workers in Hungarian and foreign periodicals, two (2) are to Hungarian, one to a German, and five (5) are to English sources.

1/1

547. SILLI C., ROMEY F. and FISCHER A. Kísérletek a trinitrotoluol toxicitásáról
Experimental investigations into the toxicity of trinitrotoluol Orvosi Hetilap 1948,
89/5 (74-77) Tables 2

Rabbits and rats were treated orally for two months with 0.2 Gm per kg, and dogs with 0.5 Gm of trinitrotoluol daily during one month. As a result the excretion of urobilinogen in the urine increased considerably. The albumin-globulin ratio decreased. The Takatar reaction was sometimes positive. The capacity of the reticulo-endothelial system to six I per cent congo-red solution (2 ml/kg) was decreased. The concentration of bilirubin in the serum did not increase. In the urine no bilirubin was demonstrable. No change occurred in the osmotic resistance of the erythrocytes. Histological examination revealed regular and characteristic changes in the liver, spleen and heart.
Jeney - Debrecen

50: Physiology, Biochemistry & Pharmacology, Section II, Vol. 2, No. 1,5

<p>ca</p>																										<p>116</p>																									
<p>PROCESSES AND PROPERTIES INDEX</p>																																																			
<p>Demonstration of abnormal protein fractions of the serum in persons suffering from inflammations. Antal, Pincus, Kirhand Hungor, and Katalin Martos. <i>Oron Hittlap</i> 86, 155-7 (1948).--The method of Kingsley (C.A. 34, 125) was modified for use in the Pulfrich photometer with no more than 0.85 cc. of serum. The protein fraction of serum pptd. by a satd. soln. of NaCl contained varying amts. of tryptophan. It appears that this fraction is not uniform but a mixt. of 2 different fractions. The amt. of the fraction pptd. by NaCl increased absolutely and relatively in inflammatory diseases. Also an increased erythrocyte sedimentation rate was observed but no uniform correlation was found between sedimentation rate and amt. of protein pptd. by NaCl. In 17 cases of non-inflammatory diseases the sedimentation rate, protein fraction pptd. by NaCl, and tryptophan content were 2.8 mm./hr., 0.7-1.0 mg. %, and 1.7-2.3 mg. %, resp. In 20 cases of severe inflammatory diseases the values were 25-16 mm., 1.3-1.9, and 2.6-4.3 mg. %, resp., and in 18 cases of local inflammations such as cystitis, oritis, the values were 30-100, 0.0-1.1, and 1.5-2.0, resp. L. F.</p>																																																			
<p>ASAC SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			
<p>ISSUED BY: BUREAU OF METALLURGY</p>																																																			
<p>DATE: 1948</p>																																																			
<p>REVISION: 1</p>																																																			
<p>CLASSIFICATION: 1</p>																																																			

137 AND 138 ORDERS		PROCESSING AND PROPERTIES INDEX		139 AND 140 ORDERS	
<p>ca</p> <p>The role of kidney tubules in pathology. I. The physiology of tubular resorption. Kamilló Selli, Antal Fischer, and Rezső Weisz. <i>Magyar Belorosi Arch.</i> 2, 137-48 (1949).--Sixty-nine investigations were made on persons with normal kidney function, with detailed analyses of blood and urine samples. No connection could be observed between ratio of resorption and mol. wt. of substances; e.g., dextrose of high mol. wt. was resorbed more strongly than Na or Al with low mol. wt. Load tests were made with water, urea, CaCl_2, and NaH_2PO_4. The clearance of the investigated substances was in the case of normal loads in a direct proportion to the changes in diuresis, glomerular filtrate and excretion index. Increase of glomerular filtrate was observed in case of water load and Ca load. This was absent in case of loads with urea, Cl and phosphate, where increased excretion took place through tubules with a diminished resorption. Kidneys seem to fulfil their physiol. task by regulating both glomerular filtration and tubular resorption. 22 references.</p> <p>II. Pathology of tubular function. Kamilló Selli and Rezső Weisz. <i>Ibid.</i> 149-60.--Glomerular filtrate and urea clearance slightly diminished in decompensated heart diseases and in hypertension. No abnormalities could be observed in nephrosis. Kidney insufficiency caused by</p> <p>nephritis or sclerosis showed Ambard quotients 0.13-30, in severe cases 0.40-1.50 (normal is 0.05-12). Urea clearance ranged from 20 to 30 (in severe cases 1-30)%, glomerular filtration 20-40 (3-20) cc., excretion index of phosphate and water 20-40 (40-80)%, and 1-3 (4-16)%. For quick clinical evaluations the phosphate load resp. and excretion index seem to be most available, values above 40% showing severe renal insufficiencies. 17 references.</p> <p>III. Effect of diuretics on the tubular function. Rezső Weisz. <i>Ibid.</i> 161-6. (1) Fifty cc. 40% dextrose, (2) 10 cc. purine deriv. (theophylline and dextrose), (3) novurite (an agent contg. NH_4Cl and novethers), (4) novurite (an agent contg. NH_4Cl and novethers) after a pretreatment with peroral NH_4Cl were intravenously injected; then blood and urine samples were taken. 1 and 2 showed but a slight diuresis; 3 and 4 excreted approx. identical in causing very high amts. of urine excreted in a min. (up to 14 times normal). Simultaneously the tubular resorption of water decreased. The urea excretion index generally showed a slow and gradual decrease; that of Cl increased. This is explained by a diminished resorption of Cl in lig diuresis. 1. Finally</p>					
<p>ASB-51A METALLURGICAL LITERATURE CLASSIFICATION</p> <p>137 AND 138 ORDERS</p> <p>139 AND 140 ORDERS</p>					

FISCHER A., GERO S., ROZSAHEGYI I. and SELLEI C. Budapesti Pazmany Peter Tudomnyegyetem
II. sz. Belklinikájának és Weiss Manfred Ácél- és Féművek NV. Uzemorvosi Rendelőjének
Közleménye. Munkaartalmak pathogenesis és megelőzése. I. A munkakörülemények Pathogenesis
and prevention of occupational diseases Orvosi Hetilap, Budapest 1949, 90/15 (452-456)
Tables 5

The water and salt balance was investigated in labourers working at high temperatures, while clearance values were taken into account. An increase in the protein content of the blood was observed in all cases, while the haematocrit values of the blood showed a less constant increase, resulting from the thickening of the blood. The chloride content of the blood had not increased. A protective high salt diet should be administered. The salt depletion can be counteracted during the heaviest work at high temperatures by the administration of 6-7 g/ of NaCl to 500-1,000 ml. water.

Fejes - Budapest (IV, 6)

So: Medical Microbiology and Hygiene, Section IV, Vol 3, No 1-6

FISCHER, A.; GERO, S.; ROZSAHEGYI, I.; SELLER, C.

Pathogenesis and prevention of occupational diseases. III. Effect of work in conditions of extreme heat upon the locomotor apparatus. Orv.hetl. 91 no.32:982-985 6 Aug 50. (CLML 20:5)

1. Second Internal Clinic (Director--Dr. Professor Imre Haynal), Budapest University and Matyas Rakosi Steel and Metallurgical International Fair Plant Dispensary (Head Physician--Dr. Istvan Rozsahegyi).

FISCHER A.

A laboratoriumi rakdiagnosztika mai állásáról. /Current status
of laboratory cancer diagnosis/ Orv. hetil., Budap. 92:24
17 June 51 p. 760-5.

1. Prof. Doctor. 2. Second Internal Clinic (Director--Prof.
Dr. Imre Haynal), Budapest Medical University.
GLML Vol. 20, No. 10 Oct 1951

FISCHER, A.; SELMI, C.; WEISZ, R.

Overload clearance tests in normal and pathological kidney function.
Orv. hetil. 93 no. 12:349-355 23 Mar 1952. (OIML 23:3)

1. Doctors. 2. Second Internal Clinic (Director -- Prof. Dr. Imre Haynal), Budapest Medical University.

FISCHER, A.; WILTNER, W.

The significance of colloid tests in liver diseases. Orv. hetil.
93 no. 45:1286-1289 9 Nov 1952. (CML 24:1)

1. Doctors. 2. Second Internal Clinic (Director -- Prof. Dr. Imre
Haynal), Budapest Medical University.

FISCHER, A. dr.

Theory and practice in medical science. Ther. hung. no.4:3-7 1953.

(RESEARCH

med., application in practice)

(MEDICINE

practical application of research findings)

FISCHER, A.

Patho-physiology of the liver. Orv. hetil. 94 no.11:282-291 15 Mar 1953.
(CML 24:4)

1. Doctor. 2. Third Internal Clinic (Director -- Prof. Dr. Pal Gomori),
Budapest Medical University.

FISCHER, Antal, dr.; WILZNER, Willibald, dr.

Study on carbohydrate metabolism in liver injury. Orv. hetil. 95
no.36:982-985 5 Sept 54.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinikájának
(igazgató: Gomori Pál dr. egyetemi tanár) közleménye.

(LIVER, dis.

carbohydrate metab. in)

(CARBOHYDRATES, metab.

in liver dis.)

FISCHER, Antal,; KOROM-BENDE, Sandorne.

Formaldehydogenic steroid determination. Kiserletes orvostud. 7
no.1:96-98 Jan 55.

1. Budapesti Orvostudományi Egyetem III. sz. Belklinikája.
(STERIODS, determination
formaldehydogenic, detera.)

FISCHER, Antal, dr.

~~SECRET~~
Serum proteins in hematological disorders. *Magy. belorv. arch.*
8 no.1:20-25 Feb 55.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinikájának
(igazgató: dr. Gomori Pál egyetemi tanár) közleménye.

(BLOOD PROTEINS, determination
in various blood dis. (Hun)

(BLOOD, diseases
determ. of blood proteins (Hun)

BARANYAI, Pal.; BAUMANN, Miklos.; FISCHER, Antal.; JAKAB, Mihaly.;
LAMB, Gyorgy.; ROHYN, Belane. -----

Comparative investigations on serum and urine proteins in
nephrosis. *Magy. belorv. arch.* 8 no.2:48-54 Apr 55.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinikájának
(igazgató: dr. Gomori Pal egyetemi tanár) a M.T. Akadémia
Méréstechnikai Intézet Elektronmikroszkopiai Laboratóriumának
(vezető: dr. Guba Ferenc) és az Országos Élelmezéstudományi
Intézet (igazgató: dr. Tarján Robert) közleménye.

(NEPHROSIS, metabolism in,
blood & urine proteins)

(BLOOD PROTEINS, in various diseases,
nephrosis)

(URINE,
proteins, in nephrosis)

(PROTEINS, in urine,
in nephrosis)

FISCHER, Antal, dr.,; SZACSENY, Andor, dr.,; VIRANYI, Andras, dr.

Neural regulation of function of the kidney tubules. Magy. belorv.
arch. 8 no.2:25-35 Apr 55.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinika (igazgató:
Gomori Pál dr. egyetemi tanár) és III. sz. Sebészeti Klinikája
(igazgató: Rubanyi Pál dr. egyetemi tanár) közleménye.

(KIDNYS, physiology,

regulation by nervous system in dogs)

(NERVOUS SYSTEM, physiology,

regulation of kidney funct. in dogs)

FISCHER, Antal; JAKAB, Mihaly; ROHNY, Belane

Examination of proteins in serous effusions. Magy. belorv. arch.
9 no.5:165-172 Oct 56.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinika, anak
(Igazgató: Gomori, Pal, dr. egyetemi tanár) közleménye.

(EXUDATES AND TRANSUDATES

serous effusions, protein determ. (Hun))

(PROTEINS, determ.

in serous effusions (Hun))

FISCHER, A.

2087. Nervous regulation of the function of kidney tubules.
A. Fischer, A. Szecseny, and A. Viranyi *Acta physiol. Acad. Sci. Hung.* 1956, 10, 57-73 (3rd Med. Clinic. and 3rd Surg. Clinic. Med. Univ., Budapest, Hungary).—Comparative determinations of water, Na, and Cl excretion by the denervated and normal kidney in 36 dogs. Their excretions increase independently of the increase in blood flow and in glomerular filtration rate as also of the load. These changes are due to a diminution in tubular reabsorption. Similar results are obtained in non-anesthetized dogs. Tubular water and salt reabsorption was 85% in the normal kidney (without osmotic diuretics) whereas in the denervated it was much less. Innervation seems, therefore, to affect also the proximal tubules. While sugar excretion remains unchanged on the denervated side the tubular reabsorption of urea, K and PO₄ fall. The denervated kidney responds to the administration of DOCA more strongly than does the normal. A large dose of post. pituitary extract has, in the anesthetized dog, a paradoxical effect on the normal side but a normal effect on the denervated side. The primary consequence of denervation is a diminution in Na reabsorption. The reduction in Cl⁻ and water reabsorption are secondary. It is assumed that the tubular innervation of the kidneys regulates the vol. of the organism. (German)
A. B. L. BEZNAK

3

FISCHER, Antal, dr., Irta:

Serum proteins and protein tests. Orv. hetil. 97 no.10:253-259
4 March 56.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinikájának
(igazgató: Gomori, Pal dr. egyet. tanár) közleménye.
(BLOOD PROTEINS, determ.
tests, diag. value (Hun))

FISCHER, Antal, dr.; FORGACS, Lilla, dr.

Physiological significance of the portal circulation. Orv.
hetil. 98 no.5-6:87-91 10 Feb 57.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinikájának
(Igazgató: Gomori, Pál, dr. egyet. tanár) közleménye.

(BLOOD CIRCULATION

portal, role in detoxication activities of liver,
exper. studies (Hun))

(VEINS, PORTAL SYSTEM

circ., role in detoxication activities of liver,
exper. studies (Hun))

(LIVER, physiol.

detoxication activities, role of portal circ., exper.
studies (Hun))

FISCHER, Antal.; KURTHY, László.; ROHNY, Belane.

Examination of various esterases in hepatitis. *Magy. belorv. arch.*
10 no.1:24-29 Feb '57.

1. A budapesti Orvostudományi Egyetem III. sz. Belklinikájának
(igazgató: Gomori Pál dr. egyetemi tanár) és a budapesti Köz-
egészségügyi és Járványügyi Allomás (igazgató: Kapos Vilmos dr)
Hepatitit Korhási Osztályának (főorvos: Kurthy László dr.) Közleménye.
(ESTERASES, in blood
in hepatitis (Hun))
(HEPATITIS, blood in
esterase activity (Hun))

FISCHER, A.; JAKAB.; ROHNY, S., Frau

Pathological protein permeability. I. Protein bodies of serous effusions.
Acta med. hung. 11 no.3:373-379 1958.

1. III. Medizinische Klinik der Medizinischen Universität, Budapest.
(EXUDATES AND TRANSUDATES
protein content (Ger))
(PROTEINS, determ.
in exudates & transudates (Ger))

BARANYAI, P.; BAUMANN, M.; FISCHER, A.; JAKAB, M.; LAMM, G.; ROHNY, S.

Pathological protein permeability. II. Urinary proteins in nephrosis.
Acta med. hung. 11 no.3:381-391 1958.

1. III. Medizinische Klinik der Medizinischen Universität, Elektronmikroskopisches Laboratorium der Ungarischen Akademie der Wissenschaften, und Institut für Ernährungswissenschaft, Budapest.

(NEPHROSIS, urine in
protein content (Ger))

(PROTEINS, in urine
in nephrosis (Ger))

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

3969, SUBSTRATE-SPECIFICITY AND ORIGIN OF SERUM ESTERASES - Substratspezifität und Ursprung der Serumesterasen - Fischer A., Perényi L. and Rohny S. III. Med. Klin., Med. Univ., Budapest - ACTA MED. ACAD. SCI. HUNG. 1958, 12/3-4 (229-237) Tables 5

Determinations of activities of cholinesterase, procaine esterase, phenyl benzoate esterase and alkaline phosphatase of serum in the presence of 10 different inhibitors showed differences in degree of inhibition, pleading against the identity of these enzymes. The ratio of activities of liver and serum enzymes in the rat varied from 2:1 to 12:1 for the esterases in question, but the activity of a given enzyme in liver homogenate was always higher than its activity in serum. After poisoning with carbon tetrachloride the activity of alk. phosphatase rose in both liver and serum, whereas the other esterases showed decrease of activity in varying degrees. The glutathione content of the liver remains unchanged even in severe CCl_4 poisoning, so that the decrease of esterase activities cannot be ascribed to glutathione deficiency. Only alk. phosphatase and phenyl benzoate esterase are found in bile; the other esterases are not excreted in the bile. It is concluded that the esterases of serum are probably substrate-specific and originate from the liver.

FISCHER, A.; TAKACS, L.; MOLNAR, G.

Parallel determination of arterial and portal circulation of the liver by the bromsulphalein method and with a rotameter. Acta med. hung. 12 no.3-4:255-270 1958.

1. III. Medizinische Klinik der Medizinischen Universität, Budapest.
(LIVER, blood supply
circ., arterial & portal, determ. with bromsulphalein
& rotameter (Ger))

FISCHER, A.; FORGACS, L.

The physiological significance of the portal circulation. Acta physiol. hung. 13 no.4:329-340 1958.

1. III. Medizinische Klinik der Medizinischen Universität, Budapest.
(VEINS, PORTAL SYSTEM, physiology
funct. & significance of portal circ. (Ger))

FISCHER, A.; MERHAUTOVA, J.; JOACHIMSTHALER, P.; SUKOP, J.

Studies on muscular coordination and on its changes following exercise and fatigue in work and athletic performance. Cesk. fysiол. 8 no.3:187 Apr 59.

1. Vyskumny ustav telovychovny, Praha, Prednesene na III. fyziologickych dnoch v Brne dna 14. 1. 1959.

(PHYSICAL EFFICIENCY,

eff. of fatigue & work & athletic performance on musc. coordination (Cz))

(EXERCISE, eff.

on musc. coordination (Cz))

v. 16)

EXCERPTA MEDICA Sec 5 Vol 12/7 General Path. July 59

1924. PHYSIOLOGY AND EXPERIMENTAL PATHOLOGY OF THE LIVER -
Physiologie und experimentelle Pathologie der Leber - Fischer A.
III. Med. Univ.-Klin., Budapest - AKAD. KIADÓ (Budapest) 1959 (187 pages)
Graphs 14 Tables 5 Illus. 32

This monograph deals with the physiology and pathophysiology of the liver, and gives a good review of the modern conceptions as regards its structure, anabolic and catabolic functions in the separate phases of intermediary metabolism, and of its circulatory dynamics. The enzymatic processes, and the metabolism of vitamins, hormones and foreign substances are each discussed in a separate chapter. Regeneration, nutritional pathology, experimental cirrhosis, and the problem of ascites are gone into in detail. Personal experiments are not mentioned, but the book is a valuable review and gives a synthesis of present-day knowledge. There are many references, nearly all to post-war articles up to the beginning of 1958.

ERDELYI, Gabor; FISCHER, Antal; TAKACSY-MAGY, Lorand; VARGA, Istvan

Toxicity of organ extracts and their thrombokinase activity.
Kiserletes Orvostud. 11 no.5:511-522 0 '59.

1. Budapesti Orvostudományi Egyetem III. sz. Belklinika.
(TISSUE EXTRACTS toxicol)
(KINASES)

ERDELYI, G.; FISCHER, A.; HERMANN, Vilma Sz.; TAKACSY-NAGY, L.; VARGA, I.

Experimental studies on the pathogenesis of shock kidney. I.
Tubular changes by the injection of foreign proteins. Acta
med.hung. 14. no.3:247-261 '59.

1. III. Medizinische Klinik und Biochemisches Institut der
Universitat, Budapest.

(KIDNEY DISEASES exper.)

(ALLERGY exper.)

ERDELYI, G.; FISCHER, A.; TAKACSY-NAGY, L.; VARGA, I.

Experimental studies on the pathogenesis of shock kidney.
II. Tubular changes after the injection of kidney homogenates
and streptococci. Acta med.hung. 14 no.3:263-269 '59.

1. III. Medizinische Klinik der Universität Budapest.
(KIDNEY DISEASES exper.)
(ALLERGY exper.)

FISCHER, A.; LANG, E.; SZEKELY, J.

Tubular function in chronic renal insufficiency. Acta med. hun.
14 no.4:379-396 '59.

1. III. Medizinische Klinik der Medizinischen Universität, Budapest.
(KIDNEY DISEASES physiol.)

FISCHER, A.; KANTOREK, P.

Acceleration of metabolic restoration after physical work by means of cold stimulus applied during work. II. Values of CO_2 and respiratory quotient. Cesk. fysiол. 9 no.1:11-12 Ja 60.

1. Vyzkumny ustav telovychovny, Praha.

(EXERCITION)

(RESPIRATION physiol.)

(COLD)

FISCHER, A.

Measurement of maximum oxygen requirements in human subjects by means of flow registration. Cesk.fysiol. 9 no.3:226 My '60.

1. Vyskumny ustav telovychovny, Praha.
(RESPIRATION physiol)

FISCHER, A.

Dispersion of the critical flicker frequency as an independent functional characteristic of the optic analyzer. *Cesk.fysiol.* 9 no.3:227 My '60.

1. Vyskumny ustav telovychovny, Praha.
(VISION TESTS)

FISCHER, A.; TAKACS, L.; MOLNAR, O.

Hepatic circulation in arterial hypoxia. Acta med. hung. 16 no.1:
61-74 '60.

1. 3rd Department of Medicine (Director: P. Gomori), Medical
University, Budapest.

(ANOXIA exper)

(LIVER blood supply)

ERDELYI, G.; FISCHER, A.; SZ.HERMANN, V.; TAKACSI-NAGY, L.; VARGA, I.

Experimental data on the pathogenesis of shock kidneys. I. Renal changes after the administration of heterogenous proteins. Magy. beloryiarch. 13 no.5:147-154 O '60.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinikájának (igazgató: dr. Gomori Pál egyetemi tanár) és Biochemiai Intézetének (igazgató: dr. Sz. Hermann V. egyetemi tanár) közleménye.
(ALLERGY exper)
(KIDNEYS pathol)

ERDELYI, G.; FISCHER, A.; TAKACSI-NAGY, L.; VARGA, I.

Experimental data on the pathogenesis of shock kidneys. II. Glomerular changes under the influence of renal hemogenates and streptococci. Magy. belorv.arch.13 no.5:154-157 0'60.

1. A Budapesti Orvostudományi Egyetem III. sz. Belklinikájának (igazgató: dr. Gomori Pál egyetemi tanár) közleménye.

(KIDNEYS pathol)

(ALLERGY exper)

(STREPTOCOCCAL INFECTIONS exper)

FISCHER, Antal

Certain problems related to laboratory diagnosis. Orv.het11. 101
no.50:1765-1769 11 D'60.

1. Budapesti Orvostudományi Egyetem, II. sz. Belklinika.
(DIAGNOSIS LABORATORY)

FISCHER, Antal, dr.; KEREKES, Erno, dr.; BONA, Andras, dr.

Considerations on humoral factors in liver degeneration. Orv.
hetil, 102 no.2:66 8 Ja'61.

1. Budapesti Orvostudományi Egyetem, II. és III. Belklinika.
(LIVER DISEASE etiol)

FISCHER, Antal; LANG, Edit; SZEKELY, Judit

Canalicular function in chronic renal insufficiency. Magy belorv. arch.
14 no.2:64-71 My '61.

1. Budapesti Orvostudományi Egyetem III Belklinika (igazgató: dr.
Gomori Pál egyetemi tanár)

(KIDNEY DISEASE)

FISCHER, A.; MOLNAR, G.; TAKACS, L.

Blood circulation and oxygen consumption by the liver in experimental cirrhosis in dogs. Acta med.hung. 17 no.1:33-43 '61.

1. II medizinische Klinik (Direktor: Prof. Dr. P.Gomori) und III medizinische Klinik (leiter: doz. dr. S.Gero) der medizinischen Universität, Budapest.

(LIVER CIRRHOSIS exper.) (OXYGEN metab.)

FISCHER, A.; EGEDY, S.; SKOLNIK, J.

Contribution to the pathomechanisms of hyposthenuria. Acta med. Hung.
18 no.2:197-212 '62.

I. II. Medizinische Klinik (Vorstand: Prof. Dr. P. Gomori) der
Medizinischen Universität, Budapest.
(URINE)

FISCHER, Antal, okleveles mezogazdasagi mernok

The new House for Bisons in the Zoological Garden. Elovilag
8 no.3:49-50 My-Je '63.

1. Fovarosi Allat- es Novenykert Muszaki Osztalyanak vezetoje,
Budapest.

HUNGARY

FISCHER, Antal, TAKACS, Lajos, VARGA, Istvan; Medical University of Budapest, II. Medical Clinic (Budapesti Orvostudományi Egyetem, II. sz. Belklinika).

"Investigation of the Intermediary Metabolism of Drugs by Means of Partial Hepatectomy."

Budapest, Kiserletes Orvostudomány, Vol XV, No 5, Oct 63, pages 555-560.

Abstract: [Authors' Hungarian summary modified] Parallel toxicity tests have been conducted on rats with intact and partially extirpated livers, in order to determine the extent of the role the liver plays in the degradation and excretion of various drugs. No difference has been found with some of the drugs investigated. On the other hand, doses of phenobarbital, urethane, chloralose, pentotal, pentobarbital, chlorpromazine, insulin, coffeine and theophylline were found to be much more toxic in the rats which were partially hepatectomized than in the control animals. This indicates the great importance of the liver in the intermediary metabolism of these drugs. No references.